YEARLY NEWS LETTER

2016-2017

JBREC
Joginpally BR Engineering College

JOGINPALLY B.R ENGINEERING

Late Sri. Joginpally Bhaskar Rao Garu

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Society

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Educational Society

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Member

Joginpally B.R.

Educational Society

Sri.Dr.B.Rammohan Rao

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CEO

JB Group of Institutions

Dr.D.N.RAO

Principal

Joginpally B.REngineering College

JOGINPALLY B.R ENGINEERING

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JOGINPALLY B.R ENGINEERING

CHAIRPERSON MESSAGE

In my position as the Chairperson of all the J.B. Group of Educational Societies and all the J.B.Group of Educational Institutions, I convey my best wishes to all our relentlessly advancing institutions nestled in a sprawling woody campus of about 106 acres of land.

The World since recent times had been moving amazingly fast and fiercely competitive in all spheres of human activity. The said situation called for massive expansion of career focused education, particularly in Engineering, Management and such other professional areas. However; it is unfortunate to observe that the quality of education started eroding. The urgent need of the times was to lay emphasis on quality education and to strive vigorously for global excellence and acceptability . It is exactly at this crit- ical juncture of time i.e. in the year 1993, J.B.Educational Society was established to serve the cause of the spread of general, Professional and Engineering education by a team of enlightened persons, under my Chairmanship. We have taken up fac- ulty, staff and students' Welfare and other HRD measures. We have encompassed Jawaharlal Knowledge Centre at J.B.R.E.C. to empower students to acquire Inter- active Communication skills, Technical and employable skills to compete in the Global job market. The policy of this Management is to impart quality education and train the students and for the accomplishment of the same, we have recruited resourceful faculty that are dynamic, dedicated and committed to the goal oriented efficient teaching with effective methodology.

Smt.J.Vasumati Devi

Chairperson

J B Group of Educational Institutions

JOGINPALLY B.R ENGINEERING

SECRETARY MESSAGE

Sri. J. Vamsidhar Rao
Secretary M.B.A., M.I.S. (USA)

It is the commitment of the JB Educational group to adopt a creative approach in teaching-learning process of academic Performance, discipline and personality development preparing the students for broader and deeper perspectives students are exposed to real life experience that inculcates in them the values of integrity, respect and commitment.

At our Institutions, the faculty inspires students to question, think critically and explore for creativity. We bring the best of industry and business into the classrooms with eminent industrialist, advisors and scholars visiting frequently and imparting to the students.
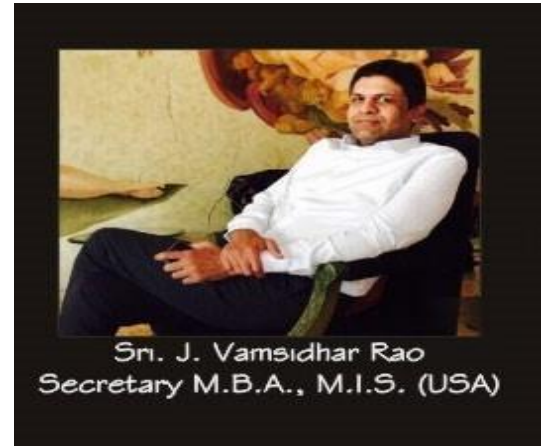
Sri J. Vamsidhar Rao
Secretary
J.B.R. Educational Society

JOGINPALLY B.R ENGINEERING

MESSAGE

The Institute is all set to bring out the potential within each student and provide proper guidance so that their potentials can be utilized to make them future engineers capable of meeting any challenge that will be faced by them after leaving the college. The college provides full support to improve their communication skills, critical thinking abilities, moral values and sense of responsibility.

All the efforts are made to improve the creativity and problem solving abilities of the students so that they can contribute their best to the society and the country.The infrastructure has been developed with most modern equipment; provisions have also been made to upgrade the same keeping pace with the technological advancements of the time.

It is my strong belief that given an opportunity, the students of this great temple of learning will prove an asset to the recruiting organizations

Smt. J.Gayatri
M.Arch.
Joint Secretary
Joginpally B.R Educational Society

JOGINPALLY B.R ENGINEERING

PRINCIPAL MESSAGE

I feel proud to be associated with Joginpally B *R Engineering* College which is serving the society for more than one and half decades in the field of Engineering & Technology by bringing a number of efficient engineers to the nation and world.

It gives me immense pleasure to welcome you to the creative world of JBREC which has very eco-friendly campus and is equipped with state-of-art infrastructure. Campus having well equipped labs, workshops and libraries which enables in helping students.

Dr. D.N RAO,

Principal,

Joginpally B R Engineering College

JOGINPALLY B.R ENGINEERING

HOD MESSAGE

The Department of Computer Science & Engineering was established in the academic year 2002-2003 with an intake of 60 in the beginning in the Bachelor courses of Computer Science & Engineering (CSE) and was subsequently increased to 120, besides an additional 20% under lateral entry scheme. The department has been reinforced by the addition of the M.Techprogramme in Computer Science & Engineering (CSE) in the academic year 2008-09 with an intake of 18 students. It presently offers B.Tech and M.Tech degree programmes.

Dr. U. Moulali
B.Tech.,M.Tech., Ph.D.

The vision of the CSE Department is Global Excellence and Local Relevance in Teaching, Research and Technology development in Computer Science and Engineering. In pursuit of this vision, the Department is actively engaged in research activities in various research areas.

Department of CSE has well-qualified and experienced faculty who are specialists in the areas of C Programming, Java Programming, Data Structures, Databases, Data Mining, Computer Architecture, Operating Systems, Image Processing, Wireless Networks, Artificial Neural Networks, Information Security and Other Programming Languages. There are around 30+ dedicated faculty members with good amount of experience in these different areas. The faculty members are actively involved in research activities in the field of their specialization. They have published number of papers in journals and Conferences of National and International repute.

Students of CSE have fulfilled the expectations of the department by grabbing envious positions in some of the top notch software/hardware companies of India like Amazon, Wipro, Infosys, MAQ software, Cognizant and Sasken. Many others of them have obtained admissions to M.S and PhD with scholarships at reputed American, UK, Australian and other universities overseas.

1. **Faculty Details**
   (a) Teaching Faculty.

S.No.	Name of the Faculty	Designation	Qualification (UG/PG/Ph.D./Others)
i.	Prof. K.V.Ranga Rao	Professor	B.Tech., M.Tech., Ph.D.
ii.	Dr. U. Moulali	Professor	B.E., M.E., Ph.D.
iii.	T. Seshagiri	Professor	B.Tech., M.Tech., Ph.D.
iv.	G. Narayana	Assoc. Prof.	B.Tech., M.Tech.,(Ph.D)
v.	M. Manohar	Assoc. Prof.	B.Tech., M.Tech.,(Ph.D)
vi.	S.Hemanth Chowdary	Assoc. Prof.	B.Tech.,M.Tech.,
vii.	K.Praveen Kumar	Assistant Professor	B.Tech.,M.Tech.,
viii.	Chinna Subba Reddy	Assistant Professor	B.Tech., M.Tech.,(Ph.D)

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ix.	M.Mary Eligbeth	Assistant Professor	B.Tech.,M.Tech.,
x.	E.Rajesh	Assistant Professor	B.Tech.,M.Tech.,
xi.	Manzoor Mohammad	Assistant Professor	B.Tech.,M.Tech.,
xii.	Md. Chand Basha	Assistant Professor	B.Tech.,M.Tech.,
xiii.	B. Swapna	Assistant Professor	B.Tech.,M.Tech.,
xiv.	K. Radhika	Assistant Professor	B.Tech.,M.Tech.,
xv.	A. Raju	Assistant Professor	B.Tech.,M.Tech.,
xvi.	P. Sandhya Rani	Assistant Professor	B.Tech.,M.Tech.,
xvii.	K. Venunath	Assistant Professor	B.Tech.,M.Tech.,
xviii.	A. Anudeep	Assistant Professor	B.Tech.,M.Tech.,
xix.	Y. Ravi Kiran	Assistant Professor	B.Tech.,M.Tech.,
xx.	A. Sri Lakshmi	Assistant Professor	B.Tech.,M.Tech.,
xxi.	G. Vani Jayasri	Assistant Professor	B.Tech.,M.Tech.,
xxii.	P. Swarna Latha	Assistant Professor	B.Tech.,M.Tech.,
xxiii.	S. Harathi	Assistant Professor	B.Tech.,M.Tech.,
xxiv.	B. Sri Vijaya Rekha	Assistant Professor	B.Tech.,M.Tech.,
xxv.	K. Sushmaja	Assistant Professor	B.Tech.,M.Tech.,
xxvi.	Nalla Chaitanya	Assistant Professor	B.Tech.,M.Tech.,
xxvii.	N. Chaitanya	Assistant Professor	B.Tech., M.Tech.,
xxviii.	D. Srinu	Assistant Professor	B.Tech., M.Tech.,
xxix.	M. Ravi Kumar	Assistant Professor	B.Tech., M.Tech.,
xxx.	D. Appa Rao	Assistant Professor	B.Tech., M.Tech.,
xxxi.	M. Karteek Kumar Reddy	Assistant Professor	B.Tech. ,M.Tech.,
xxxii.	Y. Yamini	Assistant Professor	B.Tech. ,M.Tech.,

2. **Labs Information**

S.No.	Name of the Lab	Photo
(a)	Software Testing Lab	

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(b)	Operating System Lab	
(c)	Web Technologies Lab	
(d)	Object Oriented Programming Lab	

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3. Faculty Achievements

a) FDPs.

S.No.	Title of the collaborative activity	Name of the participant	Venue	Duration
(i)	FDP on Real Time Embedded Systems and IOT, its Application	S.Hemanth Chowdary	E&ICT Academy, National Institute of Technology, Warangal & Joginpally B.R. Engineering College, Hyderabad	09.04.2017 to 14.04.2017
(ii)	FDP on Statistical Analysis with R	S.Hemanth Chowdary	E&ICT Academy, National Institute of Technology, Warangal & J.B. Institute of Engineering and Technology, Hyderabad	18.03.2017 to 23.03.2017

b) Conferences (National/International).

S.No.	Name of the Faculty	Conference Name	Paper Title	Presented / Participated	Venue	ISBN/ISSN No. if any	Date
(i)	Mr.G.Narayana	ICICSE – 2016 (4th International Conference on Innovations in Computer Science and Engineering)	Providing Data Security using Image Steganography	Presented	Guru Nanak Institutions Campus in association with CSI Hyderabad Chapter.	DOI:10.1007/978-981-10-3818-1_26 978-981-10-3817-4, 978-981-10-3818-1	22–23 July
(ii)	Mr.M. Hemanth Chowdary	ICICTIS-2016 (4th International Conference on Innovations in Computer	Providing Data Security using Image Steganography	Presented	Guru Nanak Institutions Campus in	DOI:10.1007/978-3-319-30933, Vol-1, Springer	22–23 July

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		Science and Engineering)			associatio n with CSI Hyderaba d Chapter.		

c) <u>Journal Publications.</u>

S.No.	Name of the Faculty	Paper Title	Journal Name	Issue/Volume	ISBN/ISS N No. if any	Date
(i)	Mr.S.Hemanth Chowdary	Deceitful Elevated Presentation Network-Based Computing Navy To Support Telemedicine Database Organization System	International Journal Of Reviews On Recent Electronics And Computer Science	ISSN 2321-5461	January 2017	
(ii)	Mr.G.Narayana	Survey of Group Key Management Techniques in MANET	International Journal of Future Generation Communicati on and Networking	ISSN: 2233-7857	Novembe r 2016	
(iii)	Mr.G.Narayana	Creating Comprehensi ve Optimal-Mockup With Minaverage Enquiring Interruption	International Journal Of Reviews On Recent Electronics And Computer Science	ISSN 2321-5461	Septembe r 2016	
(iv)	Mr.T.Shesagiri	Creating Comprehensi ve Optimal-Mockup With Minaverage Enquiring Interruption	International Journal Of Reviews On Recent Electronics And Computer Science	ISSN 2321-5461	Septembe r 2016	
(v)	Mr.T.Shesagiri	Consenting All Location-Queries To Be	International Journal Of Innovative Technology	ISSN 2320 – 5547	August – Septembe r 2016	

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		Assessed Appropriately By The Server	And Research			
(vi)	Mr.Ch. China Subbareddy	Consenting All Location-Queries To Be Assessed Appropriately By The Server	International Journal Of Innovative Technology And Research	ISSN 2320 – 5547	August – September 2016	
(vii)	Mr.T.Shesagiri	Fender-Bender Accepting And Crash Free Wallet Preparation For Sub Aquatic Acoustic Localization	International Journal Of Reviews On Recent Electronics And Computer Science	ISSN 2321-5461	January 2017	
(viii)	Mr.U.Moulali	Customary Text Mining Progress for Impending Group	International Journal of Pharmacy and Technology	ISSN: 0975-766X Vol.8 Issue.2	2016	
(ix)	Mr.U.Moulali	Text Mining in Pattern Co-occurrence Matrix Enhancement for future generation	International Journal of Pharmacy and Technology	ISSN: 0975-766X Vol.8 Issue.2	2016	
(x)	Mr.Ch. China Subbareddy	A Cryptographic Primitive to prevent and invader from creating dodging attacks	International Journal Of Innovative Technology And Research	ISSN 4043–4045	September 2016	
(xi)	Mr.T.Shesagiri	A Cryptographic Primitive to prevent and invader from creating dodging attacks	International Journal Of Innovative Technology And Research	ISSN 4043–4045	September 2016	

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4. Department Events

Sl.No.	Year	Name of the workshop/ seminar	Number of Participants	Date From – To
(i)	2017	Hands on Experience Workshop on Internet of Things	20-CSE	06.02.2017 to 07.02.2017

Hands on Experience Workshop on Internet of Things

5. Students Achievements

a) <u>Roll of Honour.</u>

S.No	Academic Year	Student Name	Roll Number	Percentage (%)
1	2013-2017	G.Geetha	13J21A0535	82.13

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ELECTRONICS & COMMUNICATION ENGINEERING

HOD Message

The department of Electronics and Communication Engineering was established during the inception of the college in the year 2002, with a vision to be a leading center of education and research in Electronics and Communication Engineering, making the students adaptable to changing technological and societal needs in a holistic learning environment. Technologies are changing at a rapid pace and touching every corners of our lives. The Department of ECE is dedicated towards grooming students and making them ready to meet the requirements of this competitive and rapidly evolving sector. The department has well qualified faculty members with considerable experience in academics, research and industry. The laboratories of the department are well equipped with sophisticated equipment and professional software tools in the fields of Embedded Systems, VLSI design, and Digital Signal Processing.

The department emphasizes on the development of hands on skill of the students to complement their theoretical knowledge and as such the department organizes periodical training programs and workshops to train students with the latest technologies apart from the regular curriculum. The department has a vibrant learning environment where all the students and faculty members nurture the spirit of innovation, creativity and contribute effectively to the advancement of technology. The department has produced large number of highly accomplished alumni since its inception.

They are spread across the globe as professionals in reputed multinational companies, pursuing higher education and into research and development. The department of Electronics and Communication Engineering at JBREC continues the tradition of transforming fresh young students into successful professionals.

Mr.M.Srinivasa Rao
Associate Professor

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1. Faculty Details

(b) Teaching Faculty

S.No.	Name of the Faculty	Designation	Qualification (UG/PG/Ph.D.)
1	Dr.D.N.Rao	B.E,M.E,Ph. D	Professor
2	Dr .V.Rajesh	AMIE,M.E,Ph.D	Professor
3	Dr .M.Venu gopal	B.Tech,M.Tech,Ph. D	Professor
4	Dr.M.Narsing Rao	B.Tech,M.S,Ph.D	Professor
5	Mr.M.Srinivasa Rao	B.E, M.Tech, (Ph. D)	Associate Professor
6	Mr.B.S.Shahid Ali	B.E,M.S	Associate Professor
7	Mr.V.Sriram	B.E,M.Tech	Associate Professor
8	Ms.N.Renuka Chary	B.E,M.Tech,(Ph.D)	Associate Professor
9	Mr.G.Krishnaiah	B.E,M.E,(Ph.D)	Associate Professor
10	Mr.A. Rajaiah	BE, M.E,(Ph. D)	Associate Professor
11	Mr.PNVM Sastry	M.Tech,(Ph.D)	Associate Professor
12	Mr.P.Ramesh	BE,M.Tech, (Ph. D)	Associate Professor
13	Mr.D.Ramesh	B.Tech,M.Tech, (Ph. D)	Associate Professor
14	Mr.P.Veernath	B.Tech,M.Tech,(Ph. D)	Associate Professor
15	Ms.B.Suma	B.Tech, M.Tech	Associate Professor
16	Mr.R.Durga Gopal	B.Tech, M.Tech, (Ph. D)	Associate Professor
17	Mr.M.Govindu	B.Tech, M.Tech, (Ph. D)	Associate Professor
18	Mr.Ch.Venkateshwarulu	BE,M.Tech,	Associate Professor
19	Ms.M.Manju	B.Tech,M.S	Assistant Professor
20	Mr.P.Rajasekhar Reddy	B.Tech, M.Tech	Assistant Professor
21	Mr.J. Nehru	B.Tech,M.Tech	Assistant Professor
22	Mr.E. Mahesh	B.Tech,M.Tech	Assistant Professor
23	Mr.M.Venu	B.Tech,M.Tech	Assistant Professor
24	Mr.N.Ravinder Naik	B.Tech,M.Tech	Assistant Professor
25	Ms.G.Malika	B.Tech,M.Tech	Assistant Professor
26	Ms.Bhanu Shireesha	B.Tech,M.Tech	Assistant Professor
27	Mr.V.Ashok	B.Tech,M.Tech	Assistant Professor
28	Mr.G.Ravi Tej Reddy	B.Tech,M.Tech,M.S	Assistant Professor
29	Mr.K. Ravinder	B.Tech,M.Tech	Assistant Professor
30	Ms.E.Sireesha	B.Tech,M.Tech	Assistant Professor
31	Mr.B.Radha Krishna	B.Tech,M.Tech	Assistant Professor
32	Mr.Midhun Kumar	B.Tech,M.Tech	Assistant Professor
33	Mr.S.Gangaiah	B.Tech,M.Tech	Assistant Professor
34	Mr.P.Ravi Kumar	B.Tech,M.Tech	Assistant Professor
35	Mr.Abhijeet Singh	B.Tech,M.Tech	Assistant Professor
36	Mr.V.Avinash	B.Tech, M.Tech	Assistant Professor
37	Mr.H G R. Dasari	M.Sc,M.Tech	Assistant Professor
38	Mr.P.V.Ramesh	B.Tech,(M.Tech)	Assistant Professor
39	Ms.K.Sharanya	B.Tech, M.Tech	Assistant Professor

(c) Non Teaching Faculty

S.No.	Name of the Faculty	Designation	Qualification
1.	Upender Reddy	Diploma	Lab Asst.
2	Padma	Diploma	Lab Asst.
3	Anil	M.Sc(Electronics)	Lab Asst.

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4	Rama Krishna	B.Tech	Lab Asst.
5	Manoj	B.Tech	Lab Asst.
6	Sudhakar	I.T.I.	Lab Asst.
7	B.R. Raju	I.T.I.	Lab Asst.

2.Department Group Photo

3.Labs Information

S.No.	Name of the Lab
1.	Electronic Devices And Circuits Lab
2.	Basic Simulation Lab
3.	Electronic Circuit and Pulse Circuits Lab
4.	IC Applications and HDL Simulations Lab
5.	Analog Communications Lab
6.	Microprocessors & Microcontrollers Lab
7.	Advanced Communication Skills Lab
8.	Digital Signal Processing Lab
9.	Microwave Engineering and Digital Communications Lab

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INDUSTRIAL VISITS:

Department of ECE conducted a guest lecture on WIRELESS AND MOBILE COMMUNICATIONS on 26/08/2017. Speaker is Dr. S. Srinivasa Rao

Two-day workshop on ADVANCED VLSI SYSTEM SOFTWARE DESIGN AND SIMULATION on 6th & 7th January 2017 and speaker is Prof. P.N.V.M.Sastry

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Two-day workshop on EMBEDDED SYSTEMS on 23rd & 24th December 2016 and speaker is Prof. B.S.Shahid Ali

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Faculty Participation(Year wise) -workshop/FDP/Seminar/conference 2016-17

S.No	Name of Faculty	Conference/workshop / FDP attended	Year	Name of conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided
1	M SRINIVASA RAO	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
2	M SRINIVASA RAO	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE
3	G KRISHNAIAH	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
4	G KRISHNAIAH	FDP	2016	Faculty Development Program "Hands-On-Training On MATLAB For Digital Signal Processing"	ISTE WORKSHOP – IIT KHARAGPUR
5	G KRISHNAIAH	workshop	2016	Five-Day Short Course On "GNSS Signal Processing" December 13 - 17,2016	Research and Training Unit For Navigational Electronics, Osmania University , HYDERABAD
6	G KRISHNAIAH	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE
7	B.S.SHAHED ALI	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
8	B.S.SHAHED ALI	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE

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9	P.Veeranath	workshop	2016	Image Processing Algorithms & Applications (IPAA'16) (16th to 17th December, 2016)	GURUNANAK INSTITUTIONS TECHNICAL CAMPUS
10	K.RAVINDAR	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
11	K.RAVINDAR	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE
12	L NEETHA	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
13	L NEETHA	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE
14	NEHRU JARPULA	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
15	NEHRU JARPULA	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE
16	CH.REVATHI	workshop	2016	Two – day Workshop on "Research Opportunities in Cognitive Radio and Its Applications" (29th & 30th January,2016)	CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)
17	CH.REVATHI	workshop	2016	One-Day Workshop on "Advanced Programming Techniques with	JNTUH COLLEGE OF ENGINEERING

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				MATLAB" (16-09-2016)	
18	CH.REVATHI	workshop	2016	International Conference on scientific Engineering and Research Technology , July - 2016	
19	V ASHOK	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
20	V ASHOK	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE
21	P MOUNIKA	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
22	P MOUNIKA	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE
23	P HARIKA	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
24	P HARIKA	workshop	2016	EMBEDDED SYSTEM (23-12-2016 to 24-12-2016)	JOGINPALLY B R ENGINEERING COLLEGE
25	K MANASA	workshop	2017	ADVANCED VLSI SYSTEM SOFTWARE DESIGNS AND SIMULATION (06 – 01 – 2017 to 07 – 01 – 2017)	JOGINPALLY B R ENGINEERING COLLEGE
26	K MANASA	workshop	2016	EMBEDDED SYSTEM (23-12-	JOGINPALLY B R ENGINEERING COLLEGE

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			2016 to 24-12-2016)	

Details of Publications of Journals: 2016-17

S.No	TITTLE	JOURNALS	ISSN No No	DATE/YEAR
1	Dr.V.Usha Shree : An overview on Digital Audio Watermarking	IJSETR	ISSN:2319-8885	2016
2	V.Usha Shree: Functional Verification of Complex SoC by Advanced Verification Methodology	IJVLSISDCS	ISSN 2322 – 0929	Nov-2016
3	V.Usha Shree: Sparse representation – based Greedy Search for Face Sketch Synthesis	IJSETR	ISSN:2319-8885	Nov-2016
4	Dr.V.Usha Shree : An Adaptive Ranking Support Vector Machines Method For Re-Identification without Person Labels	IJATIR	ISSN 2348-2370	Nov-2016
5	A.Kishore Reddy: Novel Security System	IJMETMR	ISSN No:2348-4845	Nov-16
6	M Srinivasa Rao: Design and Implementation of a comfind interactive search for images using Raspberry- Pi	IJSETR	ISSN No:2319-8885	Aug-2016
7	G. KrishnaiahSHNAIAH:Implementation of Leaf Shape Extraction for Plant Classification Using Sobel Operator on FPGA	IJSETR	ISSN 2319-8885	Oct-16
8	G. Krishnaiah: FPGA Implementation of FMO/Manchester Encoding using SOLS Technique for DSRC Application	IJSETR	ISSN 2319-8885	Oct-16
9	P.N.V.N.SHASTRY:Peta Hertz Clock based Peta bits per Second Speed PRBS- GPS HDL Transceiver Design for Ultra High Speed GPS Mobile Phone	IJAERS	ISSN: 2349-6495(P)	2456-1908(O)	Sep-16

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	Computing System			
10	A Rajaiah:Intelligent Secure Monitoring System using CMOS Camera	IJSETR	ISSN No:5165-5167	Sept-2016
11	A Rajaiah:IOT Based Home Automation using Android and ARM9",	IJSETR	ISSN No:4241-4243	Aug-2016
12	A Rajaiah:Design of Architecture Reduced Multiplier using Approximate Compressors"	IJSETR	ISSN No:2319-8885	July-2016
13	P Ramesh: Detecting Alerting on finger print spoofing using GSM	IJERT	ISSN No:2319-8885	Feb-2017
14	P Ramesh: BCF band Human thoughts Identification using brain wave sensor	IJSETR	ISSN No:2319-8885	2016
15	P Ramesh: Design of low power reversible Decoder using Toffoli Gates	IJERT	ISSN No:3986-3989	July-2016
16	R Durga Gopal: Implementation of Image Compression Technique by using soft-core Processor Architecture Design	IJITECH	ISSN No:2321-8665	June-2016
17	R Durga Gopal : Image Denoising using Digital Signal Processor	IRJET	e-ISSN No: 2395-0056	June-2016
18	P Veernath : Implementation of leaf shape extraction for plant classification using sobel operator FPGA	IJSETR	ISSN No:2319-8885	Oct-2016
19	K Ravinder: Design Methodology for Weapon Concealment Detection Underneath of Vehicles	IJSETR	ISSN NO: 2319-8885	Aug-2016
20	G Srinivasu: A Research on Vertical Handoff for Next Generation Wireless Networks	IJIET	ISSN No: 2318-1058	Aug 2016

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S.No	TITTLE		ISSN	DATE/YEAR
21	P Mounika : Digital art drawing in the air through gesture	IJSETR	ISSN No:2319-8885	Aug-2016
22	P Harika : Design and Implementation of a cam find interactive search for images using Raspberry Pi	IJSETR	ISSN No:2319-8885	Aug-2016
23	K Manasa: MEMS Sensor based controlled wheel chair camera using Raspberry-Pi	IJERAS	ISSN No: 2348-4345	Aug-2016

Details of Publications of Conferences: 2016-17

S.No	TITTLE	CONFERENCES	ISBN No	DATE/YEAR
1	V.Usha Shree: An innovative approach for Multimodality registration of Brain images using Particle Swarm Optimzation	NC'e- TIDES -16	ISBN: 978-1-926488-43-1	Dec-2016
2	V.Usha Shree: Design of an innovative and efficient personal transporter	NC'e- TIDES -16	ISBN: 978-1-926488-43-1	Dec-2016
3	V.Usha Shree: Verification of communication based SOC using advanced verification methodology	NC'e- TIDES -16	ISBN: 978-1-5090-0395-2/16 IEEE	Dec-2016

JOGINPALLY B.R ENGINEERING

DEPARTMENT OF EEE

Dr. M. KONDALU
Professor & HOD

- Greetings from the EEE department, Joginpally B R Engineering College, Moinabad, Hyderabad. It gives me immense pride and pleasure to lead the Electrical and Electronics Engineering Department of this esteemed and prestigious institution.
- Electrical & Electronics Engineering is an exciting and dynamic field that deals with the technology of electricity, especially the design and applications of circuitry and equipment for power generation and distribution, machine control and communications. Electrical and Electronics Engineers enjoy a high demand service status in modern manufacturing and industrial processes. We are creating a platform for students to achieve their dream jobs in Government sectors such as NTPC, Power Grid, Genco, Transco, NPDCL, SPDCL etc., and also in software and electronics design sectors. We are committed towards creating professional graduate community, which is capable to handle contemporary challenges required by the employer and society.
- Further, to promote academic growth we offer state of art programmes for the students and faculties. The department aims in developing human potential to its fullest extent so that intellectuals capable of being an asset to the country can emerge. The Department comprises of Staff members who have achieved excellence in teaching, research and innovations. The department has specialized faculties in all important areas of Electrical Engineering such as Power Systems, Power Electronics & Drives and Control Systems. The faculty takes active interest in research and development activities. High Impact publications in International Journals and authoring refereed books showcase the standard of the faculty members. They regularly organize workshops, training programmes, conferences and related activities for the benefit of the EEE students' community.

- I take this opportunity to welcome all aspiring undergraduate and post graduate electrical and electronics engineering students to Electrical Department of Joginpally B R Engineering College.

JOGINPALLY B.R ENGINEERING

2. Faculty Details

(a) Teaching Faculty.

S.NO	NAMES	DESIGNATION
1	Dr. M. KONDALU	PROF & HOD
2	G. NAVEEN	ASSOC.PROF
3	R.VENKATESWARLU	ASSOC.PROF
4	A.SRILATHA	ASSOC.PROF
5	P.RAJENDER	ASSOC.PROF
6	M.SHASIKANTH	ASSOC.PROF
7	G.S.V.V.MUTYAVALI	ASST.PROF
8	N.BHARGAVI	ASST.PROF
9	M.SRAVANTHI	ASST.PROF
10	P.VEERESH	ASST.PROF
11	D.SRIKANTH REDDY	ASST.PROF
12	S.ANANTHASAI	ASST.PROF
13	N.REVATHI NAGESWARI	ASST.PROF
14	B.HARINI	ASST.PROF
15	CH.RADHA	ASST.PROF
16	MOHAD.TAJUDDIN	ASST.PROF
17	M.ANIL KUMAR	ASST.PROF
18	K.SANDEEP	ASST.PROF
19	T.NAGARAJUNA REDDY	ASST.PROF

(b) Non Teaching Faculty.

S.No.	Name of the Faculty	Designation	Qualification
(i)	K.Prem Kumar	Lab Assistant	Diploma
(ii)	K.Narender	Lab Assistant	Diploma
(iii)	P.Ram Chander	Lab Assistant	Diploma

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3. Department Group Photo

4. Labs Information

S.No.	Name of the Lab	Photo
(a)	Electrical machines Lab.	
(b)	Electrical Measurements Lab.	
(c)	Power Electronics Lab.	

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(d)	Networks Lab.	
(e)	Control Systems lab.	
(f)	Basic Electrical Simulation Lab.	
(g)	Power Converters Lab.	
(h)	Power systems lab.	
(i)	Electrical workshop.	

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5. Faculty Publications

SL.No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
1	Analysis of 30 switch 3-Phase Seven Level Inverter Fed Induction Motor Drive	G Naveen	IJATES	Mar-17	ISSN: 2348-7550
2	Analysis of 30 switch 3-Phase Seven Level Inverter Fed Induction Motor Drive	P.Veeresh	International Journal of Scientific Engineering and Technology Research (IJSETR)	Mar-17	ISSN: 2348-7550
3	MPPT Based DC-DC Converter with ZVS &ZCS Technique	A Srilatha	International Journal of Engineering Trends & Technology	Jan-17	ISSN: 2231- 5381
4	Calculation of VFTO's in a 3-Phase 400kV GIS by using MATLAB	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN: 2278 – 7798

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5	Switched-Capacitor Based Voltage Equalizer in High Power Cascaded H-Bridge Based Multi Level Inverter	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
6	Transformer less UPFC with Fuzzy Logic Control	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
7	Transformer less UPFC with Fuzzy Logic Control	G.Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
8	Renewable Energy Based Bidirectional DC–DC Converter in DCM Operation with ZVS in Micro Grid Applications	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
9	High Speed Permanent Magnet DC Motor with MMC Based High Gain DC-DC Converter	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
10	Grid Connected PV System with High-Gain DC–DC & MMC Converters	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885

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11	A Hybrid PV and Wind Transformer Less Inverter Configuration for Grid Tide Operation with Common DC Bus and AC Bus	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
12	Active Battery Voltage Balancing Technique for a Symmetrical Multilevel Voltage Source Inverter	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
13	PV with MPPT Based Quasi-Z-Source DC–DC Converter with ZVS And ZCS Technique	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
14	Fuzzy Based Full-Bridge Bidirectional DC-DC for Photo Voltaic System	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
15	Fuzzy-Logic-Based Direct Torque Control by Estimating Stator Resistance For Synchronous Motor Drives	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885

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16	Closed Loop Proportional-Integral Tracking For Voltage Regulation In A Cascaded Load DC–DC Converter	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
17	Three Phase Nine-Level Voltage Source Inverter with Sinusoidal Pulse Width Modulation for Medium-Voltage Applications	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
18	Proportional Resonant Filter Based PLL for Grid voltage Synchronization under Various Line Faults in a Micro Grid Application	Dr.M.Kondalu	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
19	Active Battery Voltage Balancing Techniques for a Symmetrical Multilevel Voltage Source Inverter	G Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
20	Transformerless UPFC with Fuzzy Logic Control	G Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885

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21	Renewable Energy Based Bidirectional DC-Dc Converter in DCM operation with ZVS in a Micro Grid Applications	G Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
22	Switched-Capactor Based Volatge Equalizer in High Power Cascaded H-Bridge based Multi Level Inverter	G Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
23	High Speed Permanent Magnet DC Motor with MMC Based High gain DC-DC Converter	G Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
24	Fuzzy Logic Based Direct Torque Control by estimating Stator Resistance for Synchrnous Motor Drives	G Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
25	Closed Loop Proportional Integral Tracking for Voltage Regulation in a Cascaded load DC-DC Converter	G Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885

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26	3-Phase Nine-Level Voltage Source Inverter with Sinusoidal Pulse Width Modulation for Medium Voltage Applications	G Naveen	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
27	PV with MPPT Based Quasi-Z-Source DCDC Converter with ZVS And ZCS Technique	P.Rajendar	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
28	A Hybrid PV and Wind Transformer Less Inverter Configuration for Grid Tide Operation with Common DC Bus and AC Bus	P.Rajendar	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
29	Fuzzy Based Full-Bridge Bidirectional DC-DC for Photo Voltaic System	P.Rajendar	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
30	Transformerless UPFC with Fuzzy Logic Control	M.Anil Kumar	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885

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31	Calculation of VFTO's in a 3-Phase 400kV GIS by using MATLAB	S.Anantha Sai	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN: 2278 – 7798
32	Grid Connected PV System with High-Gain DC–DC & MMC Converters	M.Shasikanth	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885
33	A Hybrid PV and Wind Transformer Less Inverter Configuration for Grid Tide Operation with Common DC Bus and AC Bus	Revathi Nageswari	International Journal of Scientific Engineering and Technology Research (IJSETR)	Sep-16	ISSN 2319-8885

d) <u>Faculty Development Programmes.</u>

Name of the Faculty	Workshop / Seminar	Organized by	Date	Duration
A.Srilatha	Effective teaching methodology	ISTE ,AP section	20/7/2016 to21/7/2016	2 Days
G.Naveen	Advanced Adstuable Speed AC Motor Drive System Applications Problems and Solutiions	NIT-GOA	15-05-2017 to 20-05-2017	1 Week
	Global Trends in Renewable Engery Systems and Smart Grids	CVRCE	21-11-2016 to 26-11-2016	1 Week
	Electrical Simulation Using Multisim	VBIT	12-08-2016 to 13-08-2016	2 Days

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	Red Ribbion Club Traning	NSS & JNTUH	1/28/2017	1 Day
R.Venkateswarlu	Practical aspects of Renewable energy sources	CBIT	27-03-2017 to 28-03-2017	2 days

6. Details of Professional Bodies/MoUs

(a)

S.No.	Name of the Professional Bodies
(i)	IEEE Student Chapter

(b)

S.No.	Companies (MoU)
(i)	DHANUSH ENGG SERVICES INDIA PVT LTD., Hyderabad
(ii)	E2LABS INFORMATION SECURITY PVT LTD, Hyderabad
(iii)	ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA(EDII), New Delhi
(iv)	MICRO, SMALL & MEDIUM ENTERPRISES (MSME)-ITFS, GOVT.OF INDIA, Hyderabad
(v)	IMPERIAL SOCIETY OF INNOVATIVE ENGINEERS (ISIE), GOVT.OF INDIA

7. Students Achievements

a) Placements.

S.No	Roll Number	Student Name	Department	Company Name
1	13J21A0232	L. ADITHYA SHARMA	EEE	ICICI

DEPARTMENT OF INFORMATION TECHNOLOGY

JOGINPALLY B.R ENGINEERING

About Department

        The Department of Information Technology is renowned for imparting state of the art undergraduate education and preparing its students for real world challenges. The fact that the department attracts the brightest students from the country who score very good ranks in the EAMCET & AIEEE is one of the factors of its glory. As a champion of one of the fast developing disciplines that demands rigorous practical analysis, the department pronounces the possession of well equipped Laboratories at which the main focus is laid on logical reasoning in every practical application. With the entire qualified and talented faculty, the department boasts of a unique mode of learning; the one that uses advanced aids for teaching. The Department was established in the year 2007 with an intake of 60 students.

Mr. MLM PRASAD

        The first batch of IT students on 4 years excellence program completed successfully and joins in various companies.

Students placed in the various companies listed as

- MAQ SOFTWARE
- CA
- TCS
- INFOSYS
- EMPHASIS
- HI-POINT TECH

- K-TREE
- WIPRO
- MAQ SOFTWARE
- AMAZON
- CORE SOFT
- DELLOIT

- Karvy
- APEX
- OpsRmp
- Cognigent

        The department is fully established with excellent Laboratory and competent staff. The department maintained a separate library and provides books to the students.

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Professional Bodies:

- Students Chapter of Computer Society of India
- A Technical association of IT Department, various events are organized for the benefit of students

- IT department achieved good result for this II Semester.
  Excellence certificates issued to the toppers in the each semester.

Two-Day Hand's on Experience Workshop on Internet Of Things (IOT) Report:

Two-Day Hand's on Experience Workshop on Internet Of Things (IOT) Organizing by Department Of Computer Science& Engineering in Collaboration with Dalvik Apps , Mumbai, on 06-02-2017& 07-02-2017 in seminar hall, JBREC.AMONUT 30,000 Received. Approximately 150 Faculties have successfully participated in the programme and each participant is awarded a Participation Certificate. The workshop was successfully coordinated by Mr.M.L.M.PRASAD, Associate Professor & HOD of IT.

This Workshop aims at providing an opportunity for participants to enrich their knowledge and skill in developing various solutions for solving engineering problems in the society. This program serves as a platform for research scholars, faculty, engineers and students to interact on cutting edge technologies in IoT.

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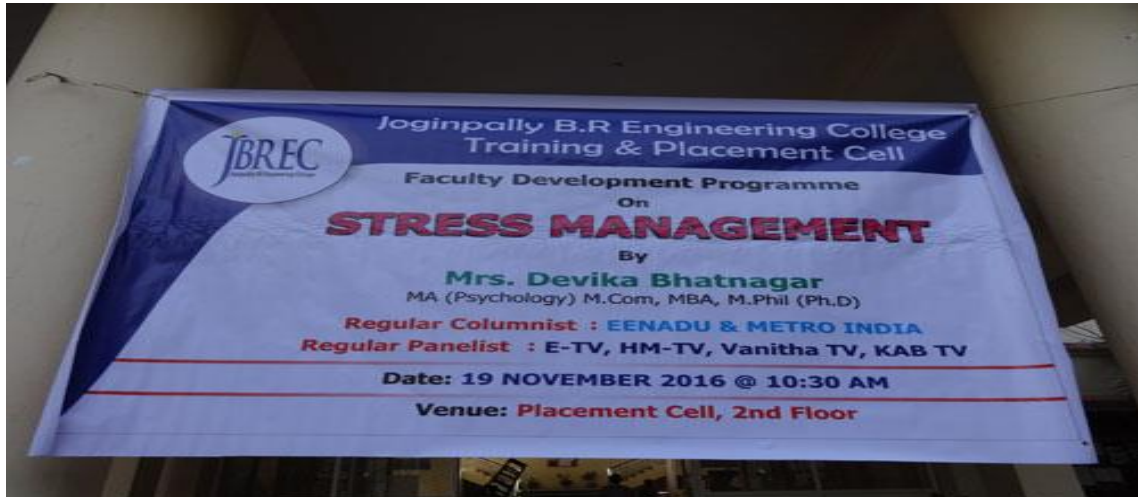
Details of Laboratories:

The department has lab with 450 latest computer systems, Upgraded software's and Exclusive lab.

- UML Lab
- Computer Center
- MAD Lab
- LINUX Lab
- JAVA lab
- WT Lab
- C & Data Structure Lab
- CT & ST Lab
- OS & CN Lab
- IT Workshop

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MOU with Industries / Organization:

The Dept has MOU with CISCO, MICROCHIP Academy, Dell EMCC ,ABACUS, e2Labs, ISISE, EDII, ICT Academy, Virtual Labs IIIT, NPTEL , IIT Bombay, Spoken Tutorial IIT Bombay, Swatch Bharath Internship Program, Unnath Bharath Abhyan on dated 2nd Jan, 2017 for placement, training, R&D and purchasing discount on their product.

Placements - 2016 and 2017

Note: Tata Consultancy Services, Sonata Software, Mahindra Satyam, Dell International Services, Cognizant Technology Solutions .

S.NO	STUDENT NAME	COMPANY NAME
1.	K ALEKHYA	INNOVA SOLUTIONS

Student Achievements:

- **Our Top Rankers (University % of marks)**

SlNo.	Students Name	Roll No	Percentage	Year
1	NAMRATA ROY	10j21A1234	91.6%	2 yr 1 sem
2	PONURU NAVYA REDDY	09J21A1236	88.3	3 yr 2 sem
3	KOVVALI PRIYANKA	08J21A1228	88.13	2yr 2sem
4	PENDYALA ANVESH	08J21A1248	87.6	2yr 2sem

5	SANJEEV KUMAR KOPURI	07J21A1252	86.45	1st yr
6	KATKURI RAMESH REDDY	08J21A1224	85.87	2yr 2sem
7	GOVINDULA HIMAJA	10j21A1215	85.7%	2 yr 1 sem
8	PONURU NAVYA REDDY	09J21A1236	85.3	3 yr 1 sem
9	SURAPANENI NIVEDITHA	08J21A1259	85.2	2yr 2sem
10	PAVITRA V	07J21A1245	85.07	4 yr 2sem
11	KRISHNA BUNG	10J21A1225	87.2	1 yr

- **Paper presentation :**

  IT students presented papers in various National / International level seminar/conferences.

  Note: * *Students got best paper award/ Prize winner.*

Seminars and Workshops Conducted:

S.NO	NAME OF CONFERENCE/ SEMINARS/ WORKSHOPS	DATE	CHIEF GUEST
1	INTERNET OF THINGS WORKSHOP FOR STUDENTS	6/2/2017	DALVIK APPS

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2	STRESS MANAGEMENT	19-11-2016	Mrs. DEVIKA BHATNAGAR
3	FDP on "How To Evolve Yourself As A Good Teacher	4/3/2016	Prof. VISWANANDHAM
4	ROLE OF ICT IN ENHANCING QUALITY EDUCATION IN INDIA	29/01/2016	MS.PADMA GUNDE,SOCIAL DEVELOPMENT EXPERT, HMDA,HYDERABAD
5	Workshop on "How to enhance Employability in the IT industry "	22/1/2016	Mr.Shankar
6	Workshop on Importance of Vocabulary in Communication	30/12/2015	Dr. Jeevan Joseph
7	LINUX WORKSHOP	23/9/2015	MR.SUBHASH TRAINER AT TECHNO SOFT HYDERABAD
8	ACTIVE AND ADAPTIVE LEARNING	21/9/2015	DR.T.P SHASI KUMAR
9	AIETM NATIONAL CONFERENCE	4/9/2015,5/9/2015	MR.B.JAGADEESH KUMAR SR.GM,ITPC,BSNL, HYDERABAD
10	CSI STUDENT CHAPTER	18/3/2015	K. RAJU, CSI REGIONAL HEAD
11	"C" CODING COMPETITION	3/3/2015	JBREC IT Faculty
12	HOW TO SUCCEED IN RECRUITMENT DRIVES	21-10-2014	Y.SRINIVAS CENTER DIRECTOR CMC LTD
13	*SEMINAR ON CARRIER COUNSELING*	17-10-2014	MR. B.SAI KUMAR,REGIONAL HEAD MANHATTAN REVIEW

JOGINPALLY B.R ENGINEERING

14	*WORKSHOP BY CONDURIA ON VERBAL, PERSONALITY DEVELOPMENT, QUANTITATIVE APTITUDE*	12/9/2014	1. MR. SUMAN P IIM,KOZHIKODE
			2. MR. ADITYA L IIM,CULCATTA
			3. DR. NARSIMHA L

FACULTY LIST:

S.NO	FACULTY NAME	QUALIFICATION	DESIGNATION
1	M.L.M PRASAD	M.Tech	Associate Professor & HOD
2	P.SRINIVAS	M.Tech	Associate Professor
3	P.THIMMA REDDY	M.Tech	Associate Professor
4	V.GOUTHAM REDDY	M.Tech	Assistant Professor
5	D.MURALIMOHAN	M.Tech	Assistant Professor
6	B.HARISH GOUD	M.Tech	Assistant Professor
7	ASIA TASLEEM	M.Tech	Assistant Professor
8	P. ARJUN KUMAR	M.Tech	Assistant Professor
9	PRADEEP	M.Tech	Assistant Professor
10	SK KARIMULLA	M.Tech	Assistant Professor

11	B. S. ANIL KUMAR	M.Tech	Assistant Professor
12	BVV SATYANARAYANA	M.Tech	Assistant Professor

Faculty Attended Workshop/ Seminar/ FDP/ Refreshment Courses

S.no	Workshop/Seminar/FDP	Venue	Period	Year	Participants
1	FDP On LIFE SKILLS SESSION-1	JBREC	5-07-2017 TO 13-07-2017	2017	K. Venkaiah
					P.THIMMA REDDY
					J VISHALAKSHI
2	FDP On Statistical Analysis with R	JBIET	18-03-2017 TO 23-03-2017	2017	MLM Prasad
					K. Venkaiah
3	R & D Work Shop On Advanced VLSI System Software Designs & Simulation	JBREC	6& 7-01-2017	2017	MLM Prasad
4	Work Shop On	JBREC	23&24-12-	2016	MLM Prasad

				2016		
	EMBEDEED SYSTEMS			2016		
5	One Day National Workshop On Gender Sensitization	JNTUH	12/2/2016	2016	P.Thimma Reddy	
6	faculty development programme on software framework & automation tools	JBREC	24th jan	2015	M.L.M PRASAD	
					P Thimma Reddy	
					D Murali Mohan	
					P Srinivas	
					K Upendra Das	
					Sk Karimulla	
					Goutham Reddy V	
					P Arjun Kumar	

Number of Research Papers per Teacher in the Journals Notifed on UGC website during the last seven years

S.No	Title of the Paper	Name of the author/s	Department of the teacher	Name of the Journal	Year of Publication	ISBN/ISSN Number
Academic Year : 2016-17						
1	EFFECTIVELY DATA SPREADIND AND SHARED DATA	Mr. M.L.M Prasad	IT	IJPRES	Jan-17	IJPRES,Volume VIII /Issue 2 /

	FINDING IN WSN BY USING DIDRIP PROTOCOL					JAN 2017/22
2	CO-OPERATIVE FAULT-TOLERANT TOPOLOGY NETWORKS USING TOPOLOGY CONTROL	KARETI VENKAIAH	IT	IJCSIET	1/7/2016	ISSN-2277-4408
3	POLICY BASED ADAPTIVE PRIVACY POLICY PREDICTION OF UPLOADED IMAGES ON CONTENT SHARING SITES	KARETI VENKAIAH	IT	IJCSIET	1/5/2016	ISSN-2277-4408
4	AN ENHANCEMENT OF EXISTING OPINION TARGETS AND OPINION WORDS EXTRACTING METHODS FROM ONLINE REVIEWS .	KARETI VENKAIAH	IT	IJCSIET	1/6/2016	ISSN-2277-4408
5	RANDOM MATCHING SERVICE APPROACH TO CONTENT BASED PUBLISH/SUBSCRIBE	KARETI VENKAIAH	IT	IJCSIET	1/5/2016	ISSN-2277-4408
6	THE SECURED AUTHENTICATION IN VANET THROUGH PUBLIC KEY	KARETI VENKAIAH	IT	IJCSIET	1/5/2016	ISSN-2277-4408

	CRYPTOGRAPHY.					
7	A QOS-ORIENTED DISTRIBUTED RESERVATION ROUTING PROTOCOL FOR HYBRID WIRELESS NETWORKS WITH NON QUALIFIED NEIGHBOR NODE SELECTION	KARETI VENKAIAH	IT	IJCSIET	1/7/2016	ISSN-2277-4408
8	A SECURE SYMMETRIC OPTIMIZATION PROTOCOL FOR COOPERATIVE ON DEMAND WIRELESS ADHOC NETWORKS	KARETI VENKAIAH	IT	IJCSIET	1/6/2016	ISSN-2277-4408
9	The Dynamic Classification Approach to the Online Review Selection using Micro.	KARETI VENKAIAH	IT	IJCSIET	1/5/2016	ISSN 2277-4408
10	CO-OPERATIVE GROUPS FOR FAST TRANMISSION IN KEY-MANAGEMENT PARADIGM	KARETI VENKAIAH	IT	IJCSIET	1/7/2016	ISSN-2277-4408

MECHANICAL ENGINEERING (2016-17)

HOD Message

Mechanical engineering department of Joginpally BR engineering college is established in the year 2011 with an intake of 60 and the number has increased to 120 in year 2012. The department is headed by Dr. Ravi Shankar kalva. We prepare students for professional career by developing a sound base in fundamental engineering sciences. We provide quality education to the students both in the classroom, outside it. We extensively encourage sports and cultural activities list of we know we have to mould the bright mind to so that they can taking the challenges of nature of society and of the marketplace

The department careers for student support monitoring tutoring study skills workshops and career development. Mechanical engineering students eliminate their students their studies with a yearlong capstone project requiring design problem solving creative thinking project planning and network. A board selection of technical electives encourages students to pursue special interest in design and manufacturing, energy and environmental issues, thermal and fluid sciences materials, are dynamics & controls and robotics.

The department has a team of highly qualified dedicated and experienced faculty in order to contribute to the technical education as a phone and helps mould young engineers by igniting in mines the flame of any Christians in Tunis. It is our hand over and hopes to inculcate these values and qualities in our work environment and the academic those at the department of mechanical engineering for achieving the best results in the year to come.

VISION OF THE DEPARTMENT

The mechanical engineering department strives to be leader in important quality education and research leading to component who is innovative entrepreneur real ethical and successful in advance fees of engineering and research.

MISSION OF THE DEPARTMENT

Consistent with permission Joginpally BR engineering college in the mission of the department of mechanical engineering is to:

1. Prepare students to excel in mechanical engineering and related fields by providing modern fundamental and practice oriented education

2. Repair professionally competent and broadly educated mechanical engineers by developing analytical and research abilities

3. Increase the culture of continuous learning by adopting new technologies to solve complex problems.

4. Poster creativity and critical thinking in problem solving and motivate students to consider the social consequences of their work.

5. Enable students to be causing entrepreneurs leaders in their profession community and the nation.

LIST OF FACULTY

S.no	NAME OF THE FACULTY	QUALIFICATION	DESIGNATION
1.	Ravi Shankar Kalva	B.E(Mech),M.Tech (IE&M), MBA, Ph.D	H.O.D & Professor
2.	P. Sampath Kumar	M.Tech	Assistant Professor
3.	B. Sunitha	M.Tech	Assistant Professor
4.	P. C. Srinivasa Rao	M.Tech	Assistant Professor
5.	Ravi chirra	M.Tech	Assistant Professor
6.	PVS Rama prasad	B.Tech	Assistant Professor
7.	K. Swapna Reddy	B.Tech	Assistant Professor
8.	M. Ravi Kumar Goud	B.Tech	Assistant Professor
9.	Chenna Babu	B.Tech	Assistant Professor
10.	Ch. Anil Kumar	B.Tech	Assistant Professor
11.	RampelliOdelu	B.Tech	Assistant Professor
12.	NenavathRamulu	B.Tech	Assistant Professor
13.	L .Venkatesh	B.Tech	Assistant Professor
14.	G. Shankar	B.Tech	Assistant Professor

NON- TEACHING STAFF.

S.NO	NAME OF THE FACULTY	QUALIFICATION	DESIGNATION
1.	M. Ram Gopala charyulu	D.A.E, C.T.I.A.T &(B.Tech)	Workshop In-charge
2.	B. Danaiah	B.Tech	Lab Demonstrator
3.	B. Narasimhulu	I.T.I (Diploma)	Lab Assistant
4.	B. Sudhakar	Diploma	Lab Assistant

DEPARTMENT GROUP PHOTO

8. Labs Information.

S.No.	Name of the Lab	Photo
1	Fluid Mechanics And Hydraulic Machinery Lab	
2	Instrumentation Lab	

3	Kinematics Of Machinery Lab	
4	Machine Tools Lab	
5	Engineering Workshop	
6	Metrology Lab	

7	Metallurgy And Mechanics Of Solids Lab	
8	Thermal Engineering Lab	

THE INSTITUTION HAS SEVERAL COLLABORATIONS/LINKAGES FOR FACULTY EXCHANGE, STUDENT EXCHANGE, INTERNSHIP, FIELD TRIP, ON-THE- JOB TRAINING

Sl. No.	Title of the collaborative activity	Name of the collaborating / linking agency with contact details	Name of the participant	Year of collaboration	Duration	Nature of the activity
1.	MODELING AND FATIGUE ANALYSIS OF AUTOMOTIVE WHEEL RIM	KY publications	Shaik Masthanvali	2016-17	17-10-2016	paper publications
2.	Industrial Linkage	Industrial visit to BHEL	All mechanical students	2016-17	27/07/2016	Industrial Visit
3.	design of rotor shaft assembly of hammer mill crusher	uppal industries association	R balaiah	2016-17	21-05-2016 to 03-06-2016	Mini Project

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Details of Publications of Journals: 2016-17

S.No	TITTLE	JOURNALS	ISSN No No	DATE/YEAR
1	Design and analysis of deep drawing process on angular deep drawing dies for different anisotropic material	IOP publishing	ISSN 1757-899X	2016-17 https://iopscience.iop.org/article/10.1088/1757-899X/149/1/012142#references

LABORATORIES.

First year lab for all branches.

1. Engineering workshop lab.

2nd Year 1st Semester Lab.

1. Metallurgy and strength of material map.

2nd year 2nd semester labs.

1. Production technology lab.

2. Mechanics of fluids and hydraulic machines.

3rd Year 1st Semester Labs.

1. Thermal engineering lab.

2. Machine tools and metrology.

Third year 2nd semester labs.

1. Heat transfer lab

BOOKS PUBLISHED.

1. Authored and published"MANAGEMENT SCIENCE"apostrophe textbook for engineering students, SURE publications Hyderabad.
2. Design data book for counseling counseling and monitoring of students titled"STUDENT PERFORMANCE AND COUNSELING RECORD" which has been approved by the college management.

Papers published in National / International Journals.

1. 1.Dr. Ravi Shankar kalva the role of insurance in disaster management research review journal volume 1 No 1 2013.
2. Dr. Ravi Shankar kalva "Gender Perception for Quality of Engineering Education" in JBREC is research review journal volume 1 NO. 2 January 2014.

3. P. Chinna Srinivasa Rao and Y. Dilip Kumar "Kinematics Analysis And Optimum Design Of 8-8 Redundant Special In Parallel Manipulators" in international journal of innovations in engineering and technology(IJIET) volume 2 issue 1 February 2013 ISSN No: 2319-1058.

SCHOOL OF MANAGEMENT STUDIES

Dr. G. Chandra Sekhar
MBA PhD
Professor & Director

THE MISSION:

To inculcate corporate culture among the students by giving them value based education with all necessary inputs, which will make them an asset in any organization they serve.

THE COLLEGE:

The JBREC School of Management Studies of Joginpally B. R. Engineering College was **established in the year 2006-2007**. The Department of Management of Studies offers 2-year 4 Semester MBA Programme approved by the All India Council of Technical Education and is affiliated to Jawaharlal Nehru Technological University Hyderabad. The MBA Programme was started during the Academic year 2006-2007. The first Batch of Students have Graduated and many of them were well placed in different companies. The Second Batch students are waiting for Viva Voce Examination.

THE FACULTY:

The faculty of the Department is a unique blend of talent, qualification and experience in the fields of teaching research and industry.

The JBREC School of Management Studies is headed by **Dr. G. Chandra Sekhar, MBA, Ph.D, PGDIRPM, and PGDCA,** who is innovative and inspiring in character. He teaches Marketing and Systems. He has over 10 years of experience in Industry**,** Teaching, Research and Consultancy. He has published many research papers in reputed national and international journals. He attended Professional Development Program at Suranari University of Technology, Thailand and alumni of International Space University, France. He also taught in international universities abroad.   Presently, he is working as Professor& Head for the School of Management Studies, Joginpally B. R. Engineering College, and Hyderabad, India.

9. Faculty Details
(c) Teaching Faculty.

The Department consists of experienced faculty members and admin staff with expertise in different areas of Management. They are,

1. Dr. G. Chandra Sekhar MBA, PhD. for Marketing and Systems
2. Dr. Naga Krishna Pusuluri B.Sc, MBA, M.Phil, Ph.D for Human Resource Management & Marketing
3. Mr. N. Hari Prasad MBA, LLB, for Finance, Operations Research and Marketing
4. Mrs. G. Keerthi MBA for Quantitatives, Statistics and Human Resource Management
5. Mr.Jalender MBA for Finance & Human Resource Management
6. Mrs.Y.Jyothsna MBA for Human Resource Management & Marketing
7. Ms. Ms.Arshia Tabassum MBA for Finance & Human Resource Management
8. Ms.J.Alekya MBA for Finance
9. Mr.K.Naveen MBA for Finance & Human Resource Management

10. Mrs. K.Poojitha MBA for Human Resource Management
11. Ms.K.Radha MBA for Human Resource Management & Marketing

With the above regular faculty, Admin Staff and some Guest Faculty, the college offers all possible combinations of specialization papers needed for our students.

(d) <u>Non Teaching Faculty.</u>

S.No.	Name of the Faculty	Designation	Qualification
(i)	Madhavi	Attender	SSC

THE APPROACH:

JBREC School of Management Studies tries to identify the changing needs of the corporate and tries to shape the student by imparting education to develop the personality that can adapt to various conditions. So apart from academics, the department also undertakes other development activities like:

- ❖ Case Studies
- ❖ Role Plays
- ❖ Seminars & Workshops
- ❖ Mini Projects
- ❖ Industrial Visits
- ❖ Management Games
- ❖ Group Discussions
- ❖ Audio-Visual Learning
- ❖ Project Works (Individual and Group)
- ❖ BISCON (Business Information Sharing Conference)
- ❖ Biz-Quiz
- ❖ Simulation Exercises
- ❖ Guest lectures by eminent people in academics, research and professionals.

LIBRARY:

The college library has over 2000 books relating to various fields in Management, from different publishers and by different authors, which gives huge scope for the students to develop their knowledge. The library also gets a wide range of Biz-journals and Magazines. Books of General Interest and Dictionaries for various disciplines are also made available for instant reference.

LAB FACILITY

The college has a spacious air-conditioned computer lab with adequate systems. The systems are provided with UNIX and Windows operating systems with networking facilities. Software installed in

computers are not only pertaining to the syllabus but also relating to the latest Statistical, Financial and Operations Research packages which are made available to the students to facilitate them for analysis of the Project works they undertake. In addition to this The Department is having Communication Lab with Advanced Software's for English and Soft Skills Development

2013-2015	T. SRUTHI	13J21E0023	83.00
2014-2016	N. MOUNIKA	14J21E0021	77.53
2015-2017	M. MADHUSUDAN RAO	15J21E0016	86.40

RESULTS:

10. Department Group Photo

11. STUDENTS ACHIEVEMENTS

No. of awards and medals for outstanding performance in sports/ cultural activities at national/international level

S.No	Year	Name of the award or medal	National/International level	sports/cultural	Student Id
1	2016-17	winner(face painting)	National level	Cultural	16J21E0035
2	2016-17	winner(face painting)	National level	Cultural	16J21E0022
3	2016-17	winner(Blind Art)	National level	Cultural	16J21E0036
4	2016-17	winner(Puzzle game)	National level	Cultural	16J21E0023
5	2016-17	Participant(face painting)	National level	Cultural	16J21E0027
6	2016-17	Participant(face painting)	National level	Cultural	16J21E0008
7	2016-17	Participant(face painting)	National level	Cultural	16J21E0036
8	2016-17	Participant(face painting)	National level	Cultural	16J21E0023
9	2016-17	Participant(face painting)	National level	Cultural	16J21E0045
10	2016-17	Participant(face painting)	National level	Cultural	16J21E0021

11	2016-17	Participant(face painting)	National level	Cultural	16J21E0043
12	2016-17	Participant(face painting)	National level	Cultural	16J21E0031
13	2016-17	Participant(face painting)	National level	Cultural	16J21E0020
14	2016-17	Participant(Treasure hunt)	National level	Cultural	16J21E0027
15	2016-17	Participant(Treasure hunt)	National level	Cultural	16J21E0036
16	2016-17	Participant(Business Quiz)	National level	Technical	16J21E0045
17	2016-17	Participant(Business Quiz)	National level	Technical	16J21E0023
18	2016-17	Participant(Business Quiz)	National level	Technical	16J21E0036
19	2016-17	Participant(Business Quiz)	National level	Technical	16J21E0027
20	2016-17	Participant(Business Quiz)	National level	Technical	16J21E0008
21	2016-17	Participant(Business Quiz)	National level	Technical	16J21E0035
22	2016-17	Participant(Business Quiz)	National level	Technical	16J21E0043
23	2016-17	Participant (Blind art)	National level	Cultural	16J21E0022
24	2016-17	Participant (Blind art)	National level	Cultural	16J21E0027
25	2016-17	Participant (Puzzle)	National level	Technical	16J21E0036
26	2016-17	Participant (Puzzle)	National level	Technical	16J21E0045
27	2016-17	Participant (Puzzle)	National level	Technical	16J21E0027
28	2016-17	Participant (Puzzle)	National level	Technical	16J21E0022
29	2016-17	Participant (Puzzle)	National level	Technical	16J21E0035
30	2016-17	Participant (Puzzle)	National level	Technical	16J21E0043
31	2016-17	Participant (Puzzle)	National level	Technical	16J21E0023
32	2016-17	Runner (Chess)	National level	Sports	16J21E0045
33	2016-17	Winner (Carroms)	National level	Sports	16J21E0044
34	2016-	Participant(Simulation)	National level	Technical	16J21E0033

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	17				
35	2016-17	Participant(Simulation)	National level	Technical	16J21E0042
36	2016-17	Participant(Simulation)	National level	Technical	16J21E0045
37	2016-17	Participant(Simulation)	National level	Technical	16J21E0016

12. Faculty Achievements

a) <u>Conferences (National/International).</u>

Title of the Paper	Name of the author/s	Department of the teacher	Name of the Journal	Year of Publication	ISBN/ ISSN Number
An Effective Approach Consumer Buying Behaviour at Malls	Dr. G. Chandra Sekhar	MBA	International Journal of Science Technology and Management	2016	ISSN 2394-1537
Literature Review on the Role of Selected Consumer Socialisation Factors on children	Dr. G. Chandra Sekhar	MBA	International Journal of Engineering Research and Management (IJERM),	2016	ISSN : 2349 – 2058
"A Study on the Television Advertisements Message Strategies Targeted Towards Children"	Dr. G. Chandra Sekhar	MBA	International Journal of Science Technology and Management	2016	ISSN 23941537
An Effective Approach Consumer Buying Behaviour at Malls	N.Hari Prasad	MBA	International Journal of Science Technology and Management	2016	ISSN 2394-1537

13. Department Events

a) Seminars/Workshops/Conferences/Guest Lectures conducted.

S. No	Faculty Name	Seminar/Workshop/FDP/Conferences	Title	Duration	Dates	Year	Organization	Place
1	V Jalender Reddy	National Seminar	Impact of Demonitization on Indian Economy	1 Day	4th March,2017	2017	Aristotle PG College	Moinabad
2	ArshiaTabassum:	National Seminar	Demonitization SWOT Analysis	1 Day	4th March,2017	2017	Aristotle PG College	Moinabad
3	Alekya	National Seminar	Retail Banking-Factors Challenges & Strategies	1 Day	4th March,2017	2017	Aristotle PG College	Moinabad

14. Photo Gallery